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SOURCE Sistemy Dal'nej Telefonnoy Svyazi (System of Long-Distance Telephone Communications), Izdatel'stvo Akademii Nauk SSSR, 1948, 178 pp, FDB 514332.

SYSTEM OF LONG-DISTANCE TELEPHONE COMMUNICATIONS

T. V. Dobrovol'skiy

This book describes the present status of long-distance telephone transmission without probing deeply into technical details is intended for those wishing to become generally familiar with the methods and techniques of long-distance communication. A section on "The Prospects for Future Development, Etc." gives some interesting forecasts, among which are: the use of coaxial cable for transmitting television as well as for multiple telephone and telegraph circuits, using "unloaded" cables for frequencies up to 108 kilocycles (allowing transmission on 24 channels), the development of a long-distance, multiplex system using electronic commutators with impluse modulation, and an increase in the use of phototelegraphy.

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